

BACHELOR OF INFORMATION TECHNOLOGY (C2000): BUSINESS INFORMATION SYSTEMS

Monash College October 2021 Intake

Monash College

First Trimester	MCD1470 Engineering practice CREDIT: FIT1049 IT professional practice	MCD4700 Introduction to computer systems, networks and security CREDIT: FIT1047 Introduction to computer systems, networks and security	MCD2130 Functions and their applications OR MCD4490 Advanced mathematics CREDIT: Level 1 Elective	MCD2080 Business statistics CREDIT: FIT1006 Business information analysis
Second Trimester	MCD4710 Introduction to algorithms and programming CREDIT: FIT1045 Algorithms and programming fundamentals in python (FIT Elective)	MCD4720 Fundamentals of C++ CREDIT: FIT1048 Fundamentals of C++ (FIT Elective)	MCD4140 Computing for engineers OR MCD4730 Foundations of 3D CREDIT: ENG1060 Computing for engineers (Elective) OR FIT1033 Foundations of 3D (FIT Elective)	MCDxxxx CREDIT: Level 1 Elective

Monash University

October 2021	FIT1051 Programming fundamentals in java	FIT2081 Mobile applications development [One of FIT1045, FIT1048 or FIT1051] OR FIT2095 eBusiness software technologies [One of FIT1045, FIT1048 or FIT1051] (Not offered OCT12)	FIT2001 Systems development [24pts FIT study]	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]
Semester 1 2022	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Elective	Elective	Elective
Semester 2 2022	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT2090 Business information systems and processes [24pts FIT or BusEco study]	FIT3138 Real time enterprise systems [12 pts level 2 FIT, SCI, ENG study] OR FIT3174 IT strategy and governance [24pts level 2 FIT study]	FIT3158 Business decision modelling [24pts level 1 FIT or BusEco study and FIT1006]
Semester 1 2023	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3152 Data analytics [FIT1006] OR FIT3003 Business intelligence and data warehousing [FIT2094]	Elective	Elective

BACHELOR OF INFORMATION TECHNOLOGY (C2000): COMPUTER NETWORKS AND SECURITY

Monash College October 2021 Intake

Monash College

First Trimester	MCD1470 Engineering practice CREDIT: FIT1049 IT professional practice	MCD4700 Introduction to computer systems, networks and security CREDIT: FIT1047 Introduction to computer systems, networks and security	MCD2130 Functions and their applications OR MCD4490 Advanced mathematics CREDIT: Level 1 Elective	MCDxxxx CREDIT: Level 1 Elective
Second Trimester	MCD4710 Introduction to algorithms and programming CREDIT: FIT1045 Algorithms and programming fundamentals in python	MCD4720 Fundamentals of C++ CREDIT: FIT1048 Fundamentals of C++ (FIT Elective)	MCD4140 Computing for engineers OR MCD4730 Foundations of 3D CREDIT: ENG1060 Computing for engineers (Elective) OR FIT1033 Foundations of 3D (FIT Elective)	MCDxxxx CREDIT: Level 1 Elective

Monash University

October 2021	FIT2001 Systems development [24pts FIT study] OR FIT2099 Object-oriented design and implementation [One of FIT1045, FIT1048 or FIT1051] (Not offered OCT12)	FIT2081 Mobile applications development [One of FIT1045 or FIT1048 or FIT1051] OR FIT3142 Distributed computing [FIT2100 and FIT3165] (Not offered OCT12)	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	FIT Elective (if completed MCD4140) OR Elective (if completed MCD4730)
Semester 1 2022	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2093 Introduction to cyber security [FIT1047 and one of FIT1045, FIT1048 or FIT1051]	Elective	Elective
Semester 2 2022	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT2100 Operating systems [FIT1047 or ENG1003]	FIT3031 Network security [FIT1047 and FIT2093]	Elective
Semester 1 2023	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3173 Software security [One of FIT1045 or FIT1048 or FIT1051]	FIT3165 Computer networks [FIT1047 and one of FIT1045, FIT1048 or FIT1051]	Elective

BACHELOR OF INFORMATION TECHNOLOGY (C2000): GAMES DEVELOPMENT

Monash College October 2021 Intake

Monash College

First Trimester	MCD1470 Engineering practice CREDIT: FIT1049 IT professional practice	MCD4700 Introduction to computer systems, networks and security CREDIT: FIT1047 Introduction to computer systems, networks and security	MCD2130 Functions and their applications OR MCD4490 Advanced mathematics CREDIT: Level 1 Elective	MCDxxxx CREDIT: Level 1 Elective
Second Trimester	MCD4710 Introduction to algorithms and programming CREDIT: FIT1045 Algorithms and programming fundamentals in python (FIT Elective)	MCD4720 Fundamentals of C++ CREDIT: FIT1048 Fundamentals of C++	MCD4730 Foundations of 3D CREDIT: FIT1033 Foundations of 3D	MCDxxxx CREDIT: Level 1 Elective

Monash University

October 2021	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	FIT2001 Systems development [24pts FIT study] OR FIT2099 Object-oriented design and implementation [One of FIT1045, FIT1048 or FIT1051] (Not offered OCT12)	Elective	Elective
Semester 1 2022	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2096 Games programming 1 [FIT1048]	Elective	Elective
Semester 2 2022	FIT3146 Maker lab [One of FIT1045, FIT1048, FIT1051 or ENG1003 and 90pts study]	FIT2097 Games programming 2 [FIT2096]	FIT2073 Game design studio 1	Elective
Semester 1 2023	FIT3039 Studio project 1 [(FIT2091 and FIT2087) or (FIT2073 and FIT2096)]	FIT3094 Artificial life, artificial intelligence and virtual environments [FIT2096]		
Semester 2 2023	FIT3040 Studio project 2 [FIT3039]	FIT3145 Game design studio 2 [FIT2073 and FIT2096]		

BACHELOR OF INFORMATION TECHNOLOGY (C2000): INTERACTIVE MEDIA

Monash College October 2021 Intake

Monash College

First Trimester	MCD1470 Engineering practice CREDIT: FIT1049 IT professional practice	MCD4700 Introduction to computer systems, networks and security CREDIT: FIT1047 Introduction to computer systems, networks and security	MCD2130 Functions and their applications OR MCD4490 Advanced mathematics CREDIT: Level 1 Elective	MCDxxxx CREDIT: Level 1 Elective
Second Trimester	MCD4710 Introduction to algorithms and programming CREDIT: FIT1045 Algorithms and programming fundamentals in python	MCD4720 Fundamentals of C++ CREDIT: FIT1048 Fundamentals of C++ (Elective)	MCD4730 Foundations of 3D CREDIT: FIT1033 Foundations of 3D	MCDxxxx CREDIT: Level 1 Elective

Monash University

October 2021	FIT2001 Systems development [24pts FIT study] OR FIT2099 Object-oriented design and implementation [One of FIT1045, FIT1048 or FIT1051] (Not offered OCT12)	FIT1046 Interactive media foundations	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	Elective
Semester 1 2022	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2091 Interactive media studio 1 [FIT1046]	FIT2087 Advanced 3D [FIT1033]	Elective
Semester 2 2022	FIT3039 Studio project 1 [(FIT2091 and FIT2087) or (FIT2073 and FIT2096)]	FIT2092 Interactive media studio 2 [FIT2091]	FIT3172 Sonics [24 pts level 2 study]	FIT3146 Maker lab [One of FIT1045, FIT1048, FIT1051 or ENG1003 and 90pts study]
Semester 1 2023	FIT3040 Studio project 2 [FIT3039]	FIT3169 Immersive environments [FIT1033]	Elective	Elective

BACHELOR OF INFORMATION TECHNOLOGY (C2000): SOFTWARE DEVELOPMENT

Monash College October 2021 Intake

Monash College

First Trimester	MCD1470 Engineering practice CREDIT: FIT1049 IT professional practice	MCD4700 Introduction to computer systems, networks and security CREDIT: FIT1047 Introduction to computer systems, networks and security	MCD2130 Functions and their applications OR MCD4490 Advanced mathematics CREDIT: Level 1 Elective	MCD2080 Business statistics CREDIT: FIT1006 Business information analysis (FIT Elective) OR MCDxxxx CREDIT: Level 1 Elective
Second Trimester	MCD4710 Introduction to algorithms and programming CREDIT: FIT1045 Algorithms and programming fundamentals in python	MCD4720 Fundamentals of C++ CREDIT: FIT1048 Fundamentals of C++ (FIT Elective)	MCD4140 Computing for engineers OR MCD4730 Foundations of 3D CREDIT: ENG1060 Computing for engineers (Elective) OR FIT1033 Foundations of 3D (FIT Elective)	MCDxxxx CREDIT: Level 1 Elective

Monash University

October 2021	FIT2001 Systems development [24pts FIT study]	FIT1050 Web fundamentals	FIT2081 Mobile application development [FIT1045, FIT1048 or FIT1051] OR FIT2104 Web database interface [FIT2094] (Not offered OCT12)	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]
Semester 1 2022	FIT Elective (if completed MCDXXXX) OR Elective (if completed MCD2080)	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT Elective (if completed MCD4140) OR Elective (if completed MCD4730)	Elective
Semester 2 2022	FIT3047 Industry experience studio project 1 [Refer to Handbook]	Software Development unit (choose from list)	Elective	Elective
Semester 1 2023	FIT3048 Industry experience studio project 2 [FIT3047]	Software Development unit (choose from list)	FIT3175 Usability [FIT1045, FIT1048 or FIT1051]	Elective

Software Development units:

FIT3077 Software engineering: architecture and design	FIT3173 Software security
BEX3411 Entrepreneurship	FIT3176 Advanced database design
FIT3146 Maker lab	FIT3178 iOS app development
FIT3157 Advanced web design	